



Collaborative Robot UR20

Universal Robots is the world leader in cobots - collaborative robots. It is the fastest growing branch of robotics in the world. The UR arms are light and have been fitted with safety features allowing them to work with people. They are also very flexible and easy to program. This opens up a whole range of applications; no wonder these robots can already be found in many factories in the world. Colleges and universities often use UR arms for teaching and research.

Parameter	Value
Position repeatability	± 0.05 mm
Lifting capacity (without gripper)	20 kg
Range	1750 mm
Degrees of freedom	6
Protection level	IP54
Ports on the controller	16 × DI, 16 × DO, 2 × AI, 2 × AO
Communication interfaces	Profinet, EthernetIP, TCP / IP, Modbus TCP
Force / torque sensor	3-axis force sensor in the wrist (ranges: 200 N / 20 Nm)